

Fig. 1 Prior Art

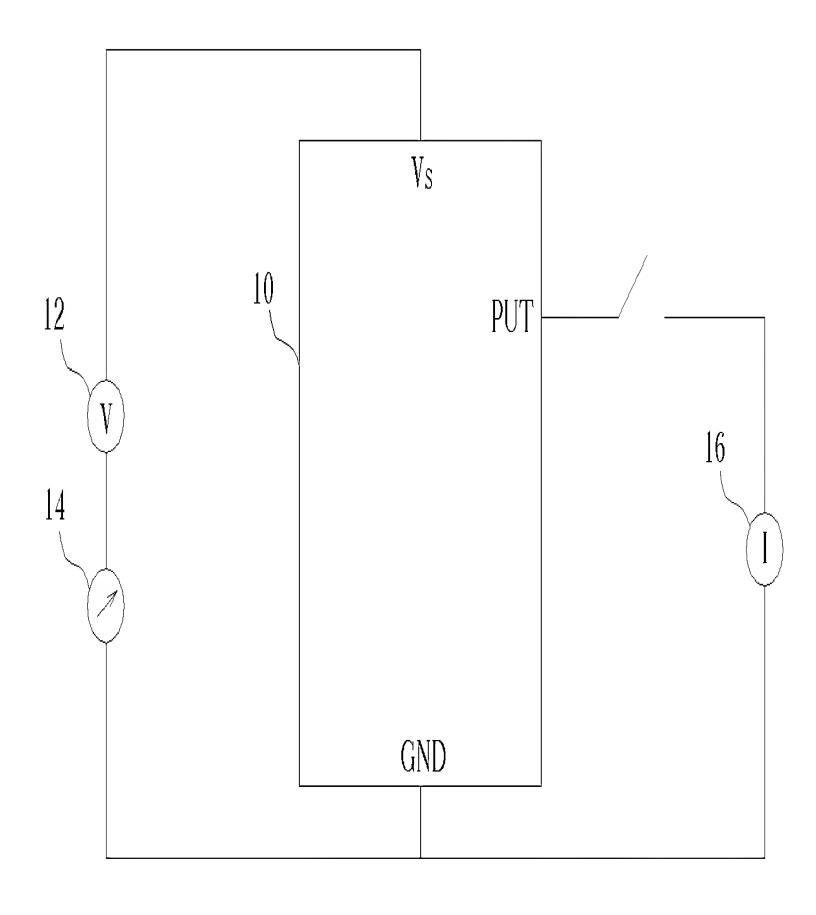


Fig. 2 Prior Art

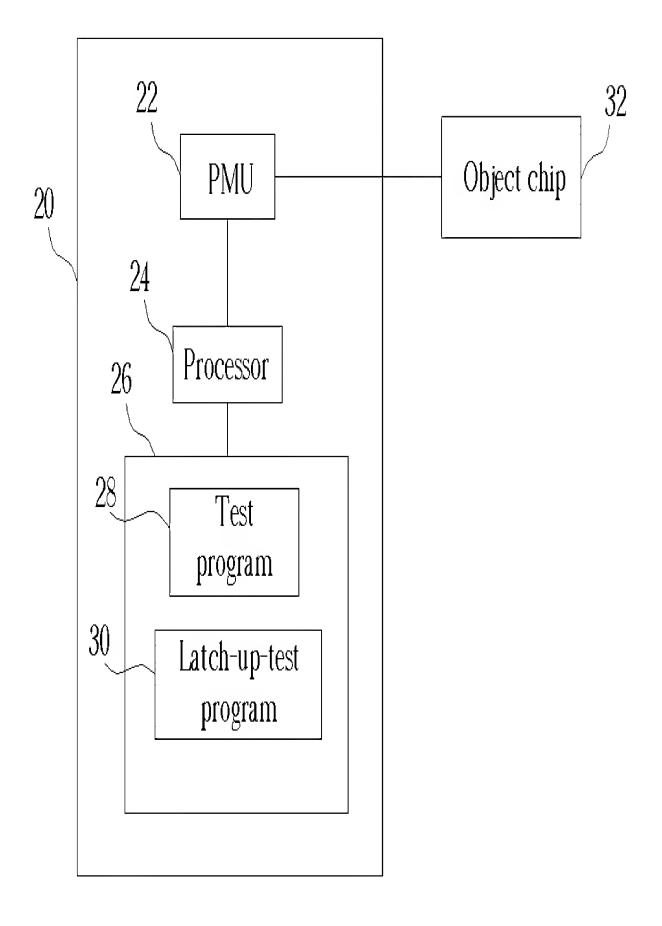
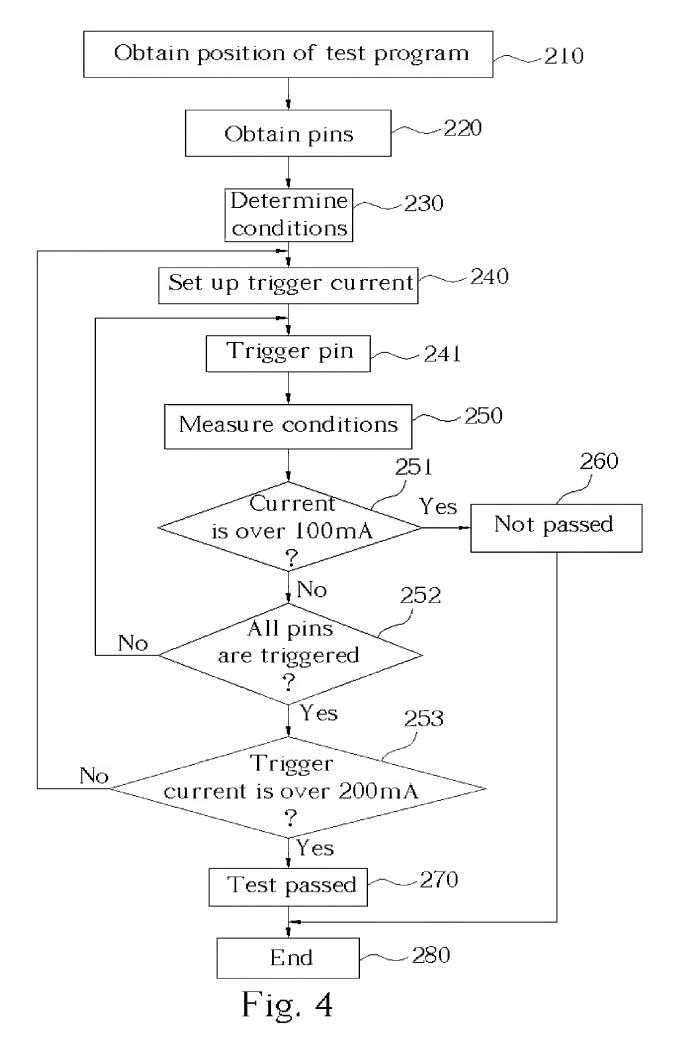


Fig. 3



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-40
GetDevPath(device_path)
strcat(device_path, "/user_proc/latchup/IO, pin");
if ((file id 1 =fopen(device path, "r")) == NULL) {
fprintf(stderr, "IO, pin does not existed !!\n");
                                                                   42
fclose(file_id_1); SetSystemFlag(CI_ABORT, 1);
*state out = CI CALL ERROR;}
sprintf(task_string, "DFCM 1, %f, , ,
-30000.000,30000.000,30000.000, 5.000,PPNP,(ALL IN)
n'', 0.000; fw task();
                                                                   44
sprintf(task_string, "PTST?1, , , PVAL \n");fw_task0;
sprintf(task string, "RLYC PPMU,PMU,(ALL IN)\n");
fw task() : idd() :
while (fscanf(file_id_1, "%s", pin) == 1){Current=25000; for(k=
0; k < 8; k++){sprintf(task_string, "DFVM 1, %d, %d,
4500.0,1000.0,3000.0,,,5.0,SPNS,(%s)\n)while (fscanf(file id 2, "
                                                                   46
%s", pwd)==1){sprintf(task string, "IDDQ?VAL,
-2,10.000000,0,(%s) \n, pwd); if(abs(idd_diff) > 10000) {
fprintf(stderr, "Shooting at pin %10s with current %10d
uAdamage chip\n", pin,Current);}}
while (fscanf(file id 2, "%s", pwd) == 1){
sprintf(task string, "IDDQ? VAL,
-2,10.000000,0,(%s) \n", pwd); idd init[pwd cnt
                                                                   48
]=idd bef;}
```

Fig. 5